

1 Fwo

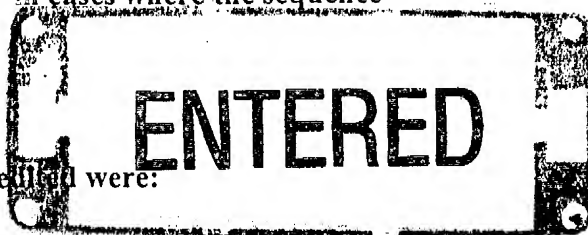
**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/776,211

CRF Edit Date: 8/19/04
Edited by: AS

✓ Realigned nucleic acid/amino acid numbers/text in cases where the sequence
text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:



Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID
NO's edited:

Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:



IFWO

RAW SEQUENCE LISTING

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:55:52

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08192004\J776211.raw

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3 <110> APPLICANT: Karolinska Innovations AB
--> 4 <120> TITLE OF INVENTION: New method
--> 5 <130> FILE REFERENCE: 50400
--> 6 <140> CURRENT APPLICATION NUMBER: US/10/776,211
--> 6 <141> CURRENT FILING DATE: 2004-02-12
--> 6 <160> NUMBER OF SEQ ID: 7
7 <170> SOFTWARE: PatentIn version 3.1
--> 8 <210> SEQ ID NO: 1
9 <211> LENGTH: 1470
10 <212> TYPE: DNA
11 <213> ORGANISM: Homo sapiens
--> 12 <220> FEATURE:
13 <221> NAME/KEY: gene
14 <222> LOCATION: (1)..(1470)
15 <223> OTHER INFORMATION: ADH1C sequence with mutation at position 303
--> 16 <400> SEQUENCE: 1
17 atgcactcaa gcagagaaga aatccacaag tactcaccag cctcctggtc tgcagagaag 60
18 acagaatcaa tatgagcaca gcaggaaaag taatcaaattg caaagcagct gtgctatggg 120
19 agttaaagaa acccttttcc attgaggagg tagaggttgc acctcctaag gctcatgaag 180
20 ttcgatttaa gatggtggct gcaggaatct gtcgttcaga tgagcatgtg gttagtggca 240
21 acctggtgac ccccttccct gtgatttttag gccatgaggc agccggcatc gtggaaagtg 300
22 tttgagaagg ggtgactaca gtcaaaccag gtgataaagt catcccgctc tttactcctc 360
23 agtgtggaag atgcagaatt tgtaaaaacc cagaaagcaa ctactgcttg aaaaatgata 420
24 taggcaatcc tcggggggacc ctgcaggatg gcaccaggag gttcacctgc agcgggaagc 480
25 ccattccacca cttcgtcggc gtcagcacct tctcccagta cacagtgggtg gatgagaatg 540
26 cagtggccaa aattgatgca gcctcgcccc tggagaaagt ctgcctcatt ggctgtggat 600
27 tttcgactgg ttatgggtct gcagtcaaaag ttgccaaagg caccacaggg tctacctgtg 660
28 ctgtgtttgg cctgggaggg gtcggcctat ctgttggtat gggctgtaaa gcagctggag 720
29 cagccagaat cattgctgtg gacatcaaca aggacaaatt tgcaaaggct aaagagttgg 780
30 gggccactga atgcataaac cctcaagact acaagaaacc cattcaggaa gtgctaaagg 840
31 aaatgactga tggaggtgtg gatttttctg ttgaagtcat cggtcggctt gacaccatga 900
32 tggcttcctt gttatgttgt catgaggcat gtggcacaag tgtcattgta ggggtacctc 960
33 ctgattccca gaacctctca ataaacccta tgctgctact gactggacgc acgtggaaaag 1020
34 gagctatttt tggaggtctt aagagtaaag aatctgtccc gaaacttgtg gctgacttta 1080
35 tggctaagaa gttttcactg gatgcattaa taacaaatat tttacctttt gaaaaataa 1140
36 atgaaggatt tgacctgctt cgctctggaa agagtatccg taccgtcctg acgttttgaa 1200
37 acaatacaga tgccttccct tgtagcagtt ttcagcctcc tctaccctac atgatctgga 1260
38 gcaacagcta ggaaatatca ttaattctgc tcttcagaga tgttaaaaat aaattacacg 1320
39 tgggagcttt ccaaagaaat ggaaattgat gggaaattat ttgtcaagca aatgttttaa 1380
40 atccaaatga gaactaaata aagtgttgaa catcaactgg ggaattgaag ccaataaacc 1440
41 ttccttctta accattcaaa aaaaaaaaaa
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 1470

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RAW SEQUENCE LISTING

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:55:52

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08192004\J776211.raw

46 <212> TYPE: DNA

47 <213> ORGANISM: Homo sapiens

> 48 <220> FEATURE:

49 <221> NAME/KEY: gene

50 <222> LOCATION: (1)..(1470)

51 <223> OTHER INFORMATION: ADH1C wildtype sequence

> 52 <400> SEQUENCE: 2

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53 atgcactcaa gcagagaaga aatccacaag tactcaccag cctcctgggc tgcagagaag 60
54 acagaatcaa tatgagcaca gcaggaaaag taatcaaagt caaagcagct gtgctatggg 120
55 agttaagaaa acccttttcc attgaggagg tagagggtgc acctcctaag gctcatgaag 180
56 ttgcatttaa gatggtggct gcaggaatct gtcgttcaga tgagcatgtg gttagtggca 240
57 acctggtgac ccccttctct gtgattttag gccatgaggc agccggcatc gtggaaagtg 300
58 ttggagaagg ggtgactaca gtcaaaccag gtgataaagt catcccgtc tttactctc 360
59 agtgtggaaa atgcagaatt tgtaaaaacc cagaaagcaa ctactgcttg aaaaatgatc 420
60 taggcaatcc tcggggggacc ctgcaggatg gcaccaggag gttcacctgc agcgggaagc 480
61 ccattccacca cttcgtcggc gtcagcacct tctcccagta cacagtgggt gatgagaatg 540
62 cagtggccaa aattgatgca gcctcgcccc tggagaaagt ctgcctcatt ggctgtggat 600
63 tttcgactgg ttatgggtct gcagtcaaag ttgccaaggt caccctcagg tctacctgtg 660
64 ctgtgttttg cctgggaggg gtcggcctat ctgttggtat gggctgtaaa gcagctggag 720
65 cagccagaat cattgctgtg gacatcaaca aggacaaatt tgcaaaggct aaagagttgg 780
66 gggccactga atgcattcac cctcaagact acaagaaacc cattcaggaa gtgctaaagg 840
67 aaatgactga tggaggtgtg gatttttctg ttgaagtcac cggctcggctt gacaccatga 900
68 tggcttccct gttatgttgt catgaggcat gtggcacaag tgcatttga ggggtacctc 960
69 ctgattccca gaacctctca ataaacccta tgctgtact gactggacgc acgtggaaag 1020
70 gagctatttt tggaggcttt aagagtaaag aatctgtccc gaaacttgtg gctgacttta 1080
71 tggctaagaa gttttcactg gatgcattaa taacaaatat tttacctttt gaaaaataa 1140
72 atgaaggatt tgacctgctt cgctctggaa agagtatccg taccgtcctg acgttttgaa 1200
73 acaatacaga tgccttccct tgtagcagtt ttcagcctcc tctacctac atgatctgga 1260
74 gcaacagcta ggaaatatca ttaattctgc tcttcagaga tgtaaaaaat aaattacacg 1320
75 tgggagcttt ccaaagaaat ggaaattgat gggaaattat ttgtcaagca aatgtttaaa 1380
76 atccaaatga gaactaaata aagtgttgaa catcaactgg ggaattgaag ccaataaacc 1440
77 ttccttctta accattcaaa aaaaaaaaaa

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80 <210> SEQ ID NO: 3

81 <211> LENGTH: 20

82 <212> TYPE: DNA

83 <213> ORGANISM: Artificial

> 84 <220> FEATURE:

85 <221> NAME/KEY: misc_feature

86 <222> LOCATION: (1)..(20)

87 <223> OTHER INFORMATION: reverse primer

> 88 <400> SEQUENCE: 3

89 tcctgtacct ggtttgactg 20

92 <210> SEQ ID NO: 4

93 <211> LENGTH: 20

94 <212> TYPE: DNA

95 <213> ORGANISM: Artificial

> 96 <220> FEATURE:

97 <221> NAME/KEY: misc_feature

98 <222> LOCATION: (1)..(20)

RAW SEQUENCE LISTING

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:55:52

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08192004\J776211.raw

```

99 <223> OTHER INFORMATION: forward primer
7--> 100 <400> SEQUENCE: 4
101 ctgtgatttt aggccatgag 20
104 <210> SEQ ID NO: 5
105 <211> LENGTH: 15
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial
7--> 108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (1)..(15)
111 <223> OTHER INFORMATION: sequencing primer
7--> 112 <400> SEQUENCE: 5
113 atcgtggaaa gtgtt 15
116 <210> SEQ ID NO: 6
117 <211> LENGTH: 26
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial
7--> 120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (1)..(26)
123 <223> OTHER INFORMATION: forward primer
7--> 124 <400> SEQUENCE: 6
125 ttttagaaaa ttgggtttgt taagtc 26
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 21
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial
7--> 132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (1)..(21)
135 <223> OTHER INFORMATION: reverse primer
7--> 136 <400> SEQUENCE: 7
137 ccttgtgcaa gtcctttcgt c 21

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/19/2004
PATENT APPLICATION: US/10/776,211 TIME: 14:55:53

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\08192004\J776211.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7

VERIFICATION SUMMARY

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:55:53

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08192004\J776211.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:5 M:283 W: Missing Blank Line separator, <130> field identifier
L:6 M:270 C: Current Application Number differs, Replaced Current Application No
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:6 M:283 W: Missing Blank Line separator, <160> field identifier
L:8 M:283 W: Missing Blank Line separator, <210> field identifier
L:12 M:283 W: Missing Blank Line separator, <220> field identifier
L:16 M:283 W: Missing Blank Line separator, <400> field identifier
L:48 M:283 W: Missing Blank Line separator, <220> field identifier
L:52 M:283 W: Missing Blank Line separator, <400> field identifier
L:84 M:283 W: Missing Blank Line separator, <220> field identifier
L:88 M:283 W: Missing Blank Line separator, <400> field identifier
L:96 M:283 W: Missing Blank Line separator, <220> field identifier
L:100 M:283 W: Missing Blank Line separator, <400> field identifier
L:108 M:283 W: Missing Blank Line separator, <220> field identifier
L:112 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:283 W: Missing Blank Line separator, <220> field identifier
L:124 M:283 W: Missing Blank Line separator, <400> field identifier
L:132 M:283 W: Missing Blank Line separator, <220> field identifier
L:136 M:283 W: Missing Blank Line separator, <400> field identifier



IFWO

RAW SEQUENCE LISTING

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:33:10

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\08192004\J776211.raw

3 <110> APPLICANT: Karolinska Innovations AB
 > 4 <120> TITLE OF INVENTION: New method
 > 5 <130> FILE REFERENCE: 50400
 > 6 <140> CURRENT APPLICATION NUMBER: US/10/776,211
 > 6 <141> CURRENT FILING DATE: 2004-02-12
 > 6 <160> NUMBER OF SEQ ID: 7
 7 <170> SOFTWARE: PatentIn version 3.1

CORED SEQUENCES

> 8 <210> SEQ ID NO: 1
 9 <211> LENGTH: 1470
 10 <212> TYPE: DNA
 11 <213> ORGANISM: Homo sapiens
 > 12 <220> FEATURE:
 13 <221> NAME/KEY: gene
 14 <222> LOCATION: (1)..(1470)
 15 <223> OTHER INFORMATION: ADH1C sequence with mutation at position 303
 > 16 <400> SEQUENCE: 1
 > 17 atgcactcaa gcagagaaga aatccacaag tactcaccag cctcctggtc tgcagagaag
 18 60
 > 19 acagaatcaa tatgagcaca gcaggaaaag taatcaaagt caaagcagct gtgctatggg
 20 120
 > 21 agttaagaa acccttttcc attgaggagg tagagggtgc acctcctaag gtcctatgaag
 22 180
 > 23 ttgcattaa gatggtggct gcaggaatct gtcgttcaga tgagcatgtg gttagtggca
 24 240
 > 25 acctggtgac ccccttccct gtgatttttag gccatgaggc agccggcacc gtggaaagtg
 26 300
 > 27 ttgagaagg ggtgactaca gtcaaaccag gtgataaagt catcccgtc tttactcctc
 28 360
 > 29 agtgtggaaa atgcagaatt tgtaaaaacc cagaaagcaa ctactgcttg aaaaatgata
 30 420
 > 31 taggcaatcc tcggggggacc ctgcaggatg gcaccaggag gttcacctgc agcggaagc
 32 480
 > 33 ccaccacca cttcgtcggc gtcagcacct tctcccagta cacagtgggt gatgagaatg
 34 540
 > 35 cagtggccaa aattgatgca gcctcgcccc tggagaaagt ctgcctcatt ggctgtggat
 36 600
 > 37 ttctgactgg ttatgggtct gcagtcaaag ttgccaaggt caccacaggg tctacctgtg
 38 660
 > 39 ctgtgttttg cctgggaggg gtggcctat ctgtttgtat gggctgtaaa gcagctggag

Does Not Comply
 Corrected Diskette Needed

60 format
 120 error
 ↓

RAW SEQUENCE LISTING

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:33:10

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\08192004\J776211.raw

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40 720
> 41 cagccagaat cattgctgtg gacatcaaca aggacaaatt tgcaaaggct aaagagttgg
42 780
> 43 gggccactga atgcatcaac cctcaagact acaagaaacc cattcaggaa gtgctaaagg
44 840
> 45 aaatgactga tggaggtgtg gatttttctg ttgaagtcac cggctcggctt gacaccatga
46 900
> 47 tggcttcctt gttatgttgt catgaggcat gtggcacaag tgtcattgta ggggtacctc
48 960
> 49 ctgattccca gaacctctca ataaacctta tgctgctact gactggacgc acgtggaaag
50 1020
> 51 gagctatctt tggaggcttt aagagtaaag aatctgtccc gaaacttgtg gctgacttta
52 1080
> 53 tggctaagaa gttttcactg gatgcattaa taacaaatat ttacctttt gaaaaataa
54 1140
> 55 atgaaggatt tgacctgctt cgctctggaa agagtatccg taccgtcctg acgttttgaa
56 1200
> 57 acaatacaga tgccttcctt tgtagcagtt ttcagcctcc tctaccctac atgatctgga
58 1260
> 59 gcaacagcta ggaaatatca ttaattctgc tcttcagaga tgttaaaaat aaattacacg
60 1320
> 61 tgggagcttt ccaaagaaat ggaaattgat gggaaattat ttgtcaagca aatgttttaa
62 1380
> 63 atccaaatga gaactaaata aagtgttgaa catcaactgg ggaattgaag ccaataaacc
64 1440
> 65 ttccttctta accattcaaa aaaaaaaaaa
66 1470
69 <210> SEQ ID NO: 2
70 <211> LENGTH: 1470
71 <212> TYPE: DNA
72 <213> ORGANISM: Homo sapiens
> 73 <220> FEATURE:
74 <221> NAME/KEY: gene
75 <222> LOCATION: (1)..(1470)
76 <223> OTHER INFORMATION: ADH1C wildtype sequence
> 77 <400> SEQUENCE: 2
> 78 atgcactcaa gcagagaaga aatccacaag tactcaccag cctcctggtc tgcagagaag
79 60
> 80 acagaatcaa tatgagcaca gcaggaaaag taatcaaatg caaagcagct gtgctatggg
81 120
> 82 agttaagaa acccttttcc attgaggagg tagaggttgc acctcctaag gctcatgaag
83 180
> 84 ttcgcattaa gatggtggct gcaggaatct gtcgttcaga tgagcatgtg gttagtggca
85 240
> 86 acctggtgac ccccttcctt gtgatttttag gccatgaggc agccggcatc gtggaaagtg
87 300
> 88 ttggagaagg ggtgactaca gtcaaaccag gtgataaagt catcccgtc tttactctc
89 360
> 90 agtgtggaaa atgcagaatt tgtaaaaacc cagaaagcaa ctactgcttg aaaaatgatc

```

*same
env*

same

RAW SEQUENCE LISTING

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:33:10

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\08192004\J776211.raw

91 420
> 92 taggcaatcc tcgggggacc ctgcaggatg gcaccaggag gttcacctgc agcgggaagc
93 480
> 94 ccatccacca ctctcgctggc gtcagcacct tctcccagta cacagtgggtg gatgagaatg
95 540
> 96 cagtggccaa aattgatgca gcctcgcccc tggagaaagt ctgcctcatt ggctgtggat
97 600
> 98 ttctgactgg ttatgggtct gcagtcaaag ttgccaaggt caccacaggg tctacctgtg
99 660
> 100 ctgtgttttg cctgggaggg gtcggcctat ctgttggttat gggctgtaaa gcagctggag
101 720
> 102 cagccagaat cattgctgtg gacatcaaca aggacaaatt tgcaaaggct aaagagttgg
103 780
> 104 gggccactga atgcatcaac cctcaagact acaagaaacc cattcaggaa gtgctaaagg
105 840
> 106 aaatgactga tggaggtgtg gatttttctg ttgaagtcac cggtcggctt gacaccatga
107 900
> 108 tggtttccct gttatgttgt catgaggcat gtggcacaag tgtcattgta ggggtacctc
109 960
> 110 ctgattccca gaacctctca ataaacccta tgctgtctact gactggacgc acgtggaaag
111 1020
> 112 gagctatttt tggaggcttt aagagtaaag aatctgtccc gaaacttgtg gctgacttta
113 1080
> 114 tggctaagaa gttttcactg gatgcattaa taacaaatat ttacctttt gaaaaataa
115 1140
> 116 atgaaggatt tgacctgctt cgctctggaa agagtatccg taccgtcctg acgttttgaa
117 1200
> 118 acaatacaga tgctttccct tgtagcagtt ttcagcctcc tctacctac atgatctgga
119 1260
> 120 gcaacagcta ggaaatatca ttaattctgc tcttcagaga tgtaaaaaat aaattacacg
121 1320
> 122 tgggagcttt ccaaagaaat ggaaattgat gggaaattat ttgtcaagca aatgttttaa
123 1380
> 124 atccaaatga gaactaaata aagtgttgaa catcaactgg ggaattgaag ccaataaacc
125 1440
> 126 ttcctttctta accattcaaa aaaaaaaaaa
127 1470
130 <210> SEQ ID NO: 3
131 <211> LENGTH: 20
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial
> 134 <220> FEATURE:
135 <221> NAME/KEY: misc_feature
136 <222> LOCATION: (1)..(20)
137 <223> OTHER INFORMATION: reverse primer
> 138 <400> SEQUENCE: 3
> 139 tcctgtacct ggtttgactg
140 20
143 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:33:10

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\08192004\J776211.raw

144 <211> LENGTH: 20
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial
> 147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (1)..(20)
150 <223> OTHER INFORMATION: forward primer
> 151 <400> SEQUENCE: 4
> 152 ctgtgatttt aggccatgag
153 20
156 <210> SEQ ID NO: 5
157 <211> LENGTH: 15
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial
> 160 <220> FEATURE:
161 <221> NAME/KEY: misc_feature
162 <222> LOCATION: (1)..(15)
163 <223> OTHER INFORMATION: sequencing primer
> 164 <400> SEQUENCE: 5
> 165 atcgtggaaa gtgtt
166 15
169 <210> SEQ ID NO: 6
170 <211> LENGTH: 26
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial
> 173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <222> LOCATION: (1)..(26)
176 <223> OTHER INFORMATION: forward primer
> 177 <400> SEQUENCE: 6
> 178 ttttagaaaa ttgggtttgt taagtc
179 26
182 <210> SEQ ID NO: 7
183 <211> LENGTH: 21
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial
> 186 <220> FEATURE:
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: (1)..(21)
189 <223> OTHER INFORMATION: reverse primer
> 190 <400> SEQUENCE: 7
> 191 ccttgtgcaa gtcctttcgt c
192 21

*same**same**same**same*

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/19/2004
PATENT APPLICATION: US/10/776,211 TIME: 14:33:11

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\08192004\J776211.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7

VERIFICATION SUMMARY

DATE: 08/19/2004

PATENT APPLICATION: US/10/776,211

TIME: 14:33:11

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\08192004\J776211.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:5 M:283 W: Missing Blank Line separator, <130> field identifier
L:6 M:270 C: Current Application Number differs, Replaced Current Application No
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:6 M:283 W: Missing Blank Line separator, <160> field identifier
L:8 M:283 W: Missing Blank Line separator, <210> field identifier
L:12 M:283 W: Missing Blank Line separator, <220> field identifier
L:16 M:283 W: Missing Blank Line separator, <400> field identifier
L:17 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:1
M:254 Repeated in SeqNo=1
L:73 M:283 W: Missing Blank Line separator, <220> field identifier
L:77 M:283 W: Missing Blank Line separator, <400> field identifier
L:78 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:2
M:254 Repeated in SeqNo=2
L:134 M:283 W: Missing Blank Line separator, <220> field identifier
L:138 M:283 W: Missing Blank Line separator, <400> field identifier
L:139 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:3
L:147 M:283 W: Missing Blank Line separator, <220> field identifier
L:151 M:283 W: Missing Blank Line separator, <400> field identifier
L:152 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:4
L:160 M:283 W: Missing Blank Line separator, <220> field identifier
L:164 M:283 W: Missing Blank Line separator, <400> field identifier
L:165 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:15 SEQ:5
L:173 M:283 W: Missing Blank Line separator, <220> field identifier
L:177 M:283 W: Missing Blank Line separator, <400> field identifier
L:178 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:6
L:186 M:283 W: Missing Blank Line separator, <220> field identifier
L:190 M:283 W: Missing Blank Line separator, <400> field identifier
L:191 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:7